

# Computer & Video Centre

The Computer & Video Centre Limited,  
14 Broadway, West Ealing,  
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Dear Computer & Video User,

HOW TO SAVE POUNDS ON YOUR COMPUTER PURCHASES - AND GET A  
FREE FLOPPY DISK OR PACK OF CASSETTES.

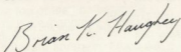
Welcome to our latest mail order catalogue of computer and video products.

Inside you will find the best in games programs, business software, computer accessories and a very special offer on the new VIC-20 computer.

But before you turn inside have you joined our Computer Discount Club yet? Although you don't have to be a member to buy from our catalogue, you can make big savings on many of the purchases. And if you join now we will send you a floppy disk or a pack of cassettes absolutely free of charge.

As a member of the Computer Discount Club you will be entitled to buy many of the products in the catalogue at a special Club Price shown next to the normal price. And from time to time we will make you some really bargain offers. Annual membership is only £10.00. - take a look inside and see the savings it will bring you.

Yours sincerely,



Brian K. Haughey  
Managing Director

P.S. Remember that all of the prices shown are inclusive of post, packing and V.A.T. - there are no hidden extras!

- |                                    |                           |
|------------------------------------|---------------------------|
| * OVER 90 VIDEO CASSETTES          | * BOOKS & MAGAZINES       |
| * DISK DOUBLING UNIT               | * SPECIAL OFFER ON VIC-20 |
| * 'LE STICK' the ultimate joystick | * OVER 100 PROGRAMS       |
| AND MUCH, MUCH MORE                |                           |

# TEXAS INSTRUMENTS TI-99/4



## TEXAS INSTRUMENTS TI-99/4 (illustrated)

Can be used within minutes of being unpacked. Anyone can use it without any previous computer or programming experience. With 16K RAM as standard an extra 30K ROM can be added with TI's Solid State Software Command Modules. Special features include 16 colour graphics capability, built-in music synthesizer, equation calculator. Check out the exciting range of Educational, Home Management and Entertainment programs.

£299.95

## TI SOLID STATE SPEECH SYNTHESIZER

This optional Speech Synthesizer enables the TI-99/4 to literally speak — to provide verbal prompts and special messages to the user. It actually reproduces the human voice electronically. 370 words are built in and plug in modules will add hundreds more. This Synthesizer requires the Solid State Speech Editor Command Module.

£99.00

## TI DISK MEMORY DRIVE

The Texas Instruments Disk Memory Drive is a mini-floppy disk mass storage system with a 1 to 3 disk memory drive capability. Use of the TI Disk Memory Drive requires the TI-99/4 Disk Drive Controller, which can control up to three drives. The TI-99/4 Home Computer mass memory system is capable of storing 90,000 bytes of information on each floppy disk.

Disk Controller £199.00  
Disk Drive £399.00

## TI RAM EXPANSION

32K extra Ram which expands the total to 48K.

£299.00

## TI THERMAL PRINTER

Permits printing of data in a 32 column, 9 x 7 dot matrix character format at a speed of 30 characters per second. It is controlled from TI BASIC for printing results and can list programs from the computer memory. Spacing between lines can be varied under program control and special characters using the 5 x 7 matrix format may be defined in user programs. In addition to standard letter and numbers, the printer has 32 pre-defined graphic symbols for printing charts and graphs.

£269.00

## TI THERMAL PAPER

Pack of two rolls.

£5.50

## TI RS-232 ACCESSORIES INTERFACE

This interface enables you to connect a wide range of serially formatted accessory devices, including those from other manufacturers. It is not required for peripherals manufactured by Texas Instruments (except the Telephone Modem).

£149.00

## TI WIRED REMOTE CONTROLS

These 2 optional remote controllers are used to position or move objects on the screen. Each unit includes eight position stick and side mounted action button.

£29.95

## TI CASSETTE CABLE

Allows connection to standard domestic cassette recorders for program and data storage.

£9.95

# PROGRAMS

\*Club Price

## ADDITION/SUBTRACTION I

This is the initial module in a series developed in conjunction with Scott, Foresman and Co., a leading publisher of education textbooks. Teaches basic arithmetic skills and provides drills for reinforcement. For children aged 5 and up.

£34.95

## ADDITION/SUBTRACTION II

More difficult problems and techniques than found in Addition/Subtraction I. For ages 5-6.

£34.95

## ADVENTURE 1-3

Adventureland. You must recover the 13 lost treasures. Pirates Cove. Attempt to go from your London flat to Treasure Island to recover Long John Silvers-Treasure. Mission Impossible. Good Morning. Your mission is to...

Apple Disk £27.25  
TRS-80 Disk £26.75

## ADVENTURE 4-6

Voodoo Castle. Count Cristo has had a fiendish curse put on him. Will you be able to rescue him or is he doomed forever. The Count. You wake up in bed in a castle in Transylvania. Who are you? What are you doing there? Why did the Postman leave a bottle of Blood? Strange Odyssey. Marooned on the edge of the Galaxy in a ruined civilisation. Will you be able to return with the treasures or will you be marooned forever.

Apple Disk £27.25  
TRS-80 Disk £26.75

## ADVENTURE 7-9

Mystery Fun House. Can you find your way through the strangest Fun House, or will you be kicked out of the park when it closes.

Pyramid of Doom. You are led to the dark recesses of a newly discovered Pyramid. Will you discover the treasure or join it's denizens in a long eternal sleep.

Ghost Town. Explore a western ghost town but watch out for rattlesnakes, runaway horses and of course, Ghosts.

Apple Disk £27.25  
TRS-80 Disk £26.75

## AIR FLIGHT SIMULATION

You have 50 miles to fly. You must take off, fly and land without crashing. Your plane manoeuvres like a real one and can dive, stall and even fly upside down.

Apple Cass 16K £8.00

## ALIEN RAIN (Galaxian)

Brilliantly coloured aliens swoop down from all sides in swift attacks to do battle with your lone Laser Cannon. Can be played with Joystick, Paddles or Keyboard.

Apple Disk £16.95 \*£15.25

## ALIEN TYPHOON

Twice as fast, twice as many and twice as tricky as Alien Rain.

Apple Disk £16.95 \*£15.25

## APPLE 21

Hi-Res playing cards and a green 'Felt' table bringing to life this game of Blackjack. Up to 3 players may challenge the dealer.

Apple Disk £13.35

## ARCADES

(All arcade games are for Pets and are on cassette).

Each cassette £8.10

Arcade 1. Invaders.

Arcade 2. Acrobat.

Arcade 3. 3-D Star-Trek.

Arcade 4. Breakthrough.

Arcade 5. Nightdrive.

Arcade 6. Car Race.

Arcade 7. Cosmic Jailbreak.

Arcade 8. Crazy Balloon.

Arcade 9. Laser Tanks.

## ARCADIA ONE

A disk program of the first 6 arcade games.

Pet Disk £28.75

## ASTEROIDS

Destroy the Asteroids that cross the screen with your photon cannon before they crash into your spacecraft. Move your space craft to any angle with your joystick whilst firing an unlimited supply of ammunition. Hyperspace makes your craft



## ATARI 800

ATARI 800 PERSONAL COMPUTER SYSTEM  
(illustrated)

The Atari 800 is a top of the line personal computer system. It's expandable memory, advanced peripheral components, comprehensive software library and modular design assure that it will never become obsolete.

Whether it's for Business, Household Management, Education or Entertainment, the Atari 800 can be tailored to specific needs and has been designed to change as those needs change. This "timeless" computer system can be used by people with no previous experience, although it doesn't compromise capability for the sophisticated user.

### FEATURES & TECHNICAL SPECIFICATIONS:-

Colour: 16 Colours, each with 8 intensities.  
Sound: Four independent sound synthesizers for musical tones and game sounds. Four octaves. Variable volume. Internal Speaker.  
Memory: 16K Bytes of RAM expandable to 48K.  
10K Bytes of ROM Operating System.  
Keyboard: 57 full stroke alphanumeric keys plus 4 function keys.

£645.00

## ATARI 400



ATARI 400 PERSONAL COMPUTER SYSTEM  
(illustrated)

It doesn't take a computer background to learn how to use the Atari 400. This "general purpose" personal computer can be used for:

- \* Business & Household Management
- \* Education Applications
- \* Entertainment

It's affordable and it's easy to use. The Atari 400 will bring creative and exciting uses ranging from music, art, education and

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ALL PRICES  
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extraordinary entertainment for the entire family.

**FEATURES & TECHNICAL SPECIFICATIONS:—**  
Colour: 16 Colours, each with 8 intensities.  
Sound: Four independent sound synthesizers for musical tones or games sounds. Four octaves. Variable volume. Internal speaker, (in addition to audio through TV).  
Memory: 16K Bytes of RAM expandable to 48K.  
10K Bytes of ROM Operating System.  
Keyboard: 57 key monopanel alphanumeric keyboard plus 4 function keys.

£345.00

**ATARI INTERFACE MODULE (illustrated)**  
This interface module has four EIA RS232C compatible ports, an 8 bit parallel output interfaced port for connection to the Atari Personal Computer Systems. This allows almost limitless expansion to the Atari Computer System. The serial ports allow connection to almost any computer peripheral that is RS232C compatible.

£135.00

**ATARI 810 DISK DRIVE (illustrated)**  
This Disk Drive can be used with many Atari Personal Computer System peripherals. A minimum 16K of Ram is required to operate this drive unit. The Atari Personal Computer System will control up to four 810 Disk Drives giving your system over 368,000 Bytes, or over 92K Bytes per Disk Drive.

£345.00

**ATARI 410 PROGRAM RECORDER (illustrated)**  
This program recorder provides users of Atari Personal Computers with a method of storing programs and data in computer readable form. In addition to a digital track, and audio track can be recorded on the cassettes. This capability allows the user to both run programs and listen to voice or music through the television speaker.

£50.00

**ATARI 825 80 COLUMN PRINTER**  
The 825 Printer is a versatile dot matrix impact printer that can handle almost any printing task. It can print lines up to 8 inches long in four different character modes: monospaced characters at 10 characters per inch, condensed characters at 16.7 characters per inch, proportionally spaced characters and double width characters. It can be set to justify the right margin, execute forward or reverse line feeds, half space or underline. All character modes are set by control codes from the computer.

This printer can handle three kinds of paper: single sheet, fan-fold and roll paper. The Atari 825 Printer connects easily to the Atari 850 interface module which is required for the operation of the Printer.

£550.00

**ATARI PAPER** Pack of two rolls

£5.50

## 12 MORE PROGRAMS

\*Club Price

disappear from the screen momentarily, but it can be hit on its return.

Atari Cart

£29.95 \*£26.95

### ASTROLOGY

Draws astrological charts, predicts temperament, body type, and susceptibility to certain problems. It also suggests suitable courses of action to take.

Apple Disk

£13.55

### ATTACK

Play the commander of a ship in a region of space infested by "scores" and "aliens" which must be destroyed. Manoeuvre your ship to avoid the aliens and fire missiles to destroy the enemy.

Texas Module

£39.95

### ATTACK FORCE

You must move your spaceship around a maze like field avoiding 8 alien ramships that are bent on destroying you. Move boldly and you stand a chance of winning. Can be used with Joysticks.

TRS-80 Cass

£10.75

TRS-80 Disk

£13.50

### BAKERS TRILOGY

A compilation of Steve Baker's finest games. Planetoids puts you in charge of a spaceship career through space. You must destroy the planetoids before they destroy you. Bubbles puts you behind a Laser Cannon in a space station. And Burnout puts you behind the wheel of a formula one racing car.

Apple Disk

£26.65

### BALL TURRET GUNNER

You are at the controls of an LW-1417 Stratoblazer. Your hindsight director tells you that a Gnat fighter is on your tail. It dances evasively in your sights. Suddenly you see the fire command and you react instinctively. Complete with sound.

TRS-80 Cass M1.

£7.75

### BASIC BASIC

The thoroughly interactive programs enable the first time user to get a complete grasp of the fundamentals of Basic. The course consists of nine lessons making full use of the Pet capabilities as a teaching aid.

Pet Cass

£10.50 \*£9.49

### BASKETBALL

You can dribble, shoot, pass, block shots and even make steals. Five different games variations allow one, two, three or four players to compete. Play the computer or your friends. Can be used up to four joysticks.

Atari Cart

£24.50

### BEGINNING GRAMMAR

Engaging and colourful activities that introduce the basic parts of speech and how they are used to build sentences. Valuable practice and hours of fun for children aged 6-10.

Texas Module

£19.95 \*£17.95

### BEST OF BISHOP

Nine Bob Bishop games, rated amongst his finest: Rocket Pilot, Saucer Invasion, Star Wars (based on the movie), Space Maze and Bomber. Two animated classics, Apple Vision and Apple Movie. And, Talking Calculator and Music Kaleidoscope.

Apple Disk

£26.65

### BLACKJACK

Play one of the most popular Casino games at home. The computer is the dealer and it plays by the rules. You on the other hand bet money and decide whether to stick, draw or double up to hit 21.

Atari Cass

£8.95

### BLACKJACK & POKER

These computer simulated card games allow betting with a bankroll you wish you had. Up to four players can play at a time.

Texas Module

£24.95

### BOTH BARRELS

Features two games: High Noon & Duck Hunt; you'll love the guy that gets shot off the roof and the dogs fighting over the ducks.

Apple Disk

£16.65 \*£15.00

# BUSINESS PROGRAMS

		* Club Price
<b>VISICALC</b>		
Apple Disk	£125.00	*£112.50
Atari Disk	£125.00	*£112.50
Pet Disk	£125.00	*£112.50

<b>VISIDEX</b>	
Apple Disk	£125.00

<b>VISIPILOT</b>	
Apple Disk	£115.00

<b>VISITREND/VISIPILOT</b>	
Apple Disk	£160.00

<b>VISITERM</b>	
Apple Disk	£95.00

## ATARI WORD PROCESSOR

Increase your productivity with the Atari Word Processor. Text, reports, documents, letters and memos can be created, edited, stored and printed. 2 Disks. Needs the Atari 800, Disk Drive, 850 Interface Module and Atari 825 80 Column Printer. (Needs 48K)

## MAGIC WINDOW

Word Processing System. All of the functions that you would expect from a Word Processor: Editing, Formatting, Centering, Justification, Tab Stops, Global Search, Menu Driven, etc.

Apple Disk	£75.00
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# ACCESSORIES

<b>DISK FOLDER</b>	
Free standing Easel Folder that holds 32 disks in conjunction with the inserts below.	£8.50 *£7.70

<b>FOLDER INSERTS</b>	
Pack of 4 Inserts for the above folder. Each insert holds 8 5.25" Disks.	£14.00

<b>DISK MAILING PACKS</b>	
Pack of 10 for 5.25" Disks.	£4.00

<b>C10 CASSETTES</b>	
Pack of 10.	£5.00 *£4.50

<b>5.25" FLOPPY DISKS</b>	
Pack of 10 — 40 Track	£29.95 *£26.95
Pack of 10 — 77 Track	£35.00 *£31.50

<b>DISK DRIVE HEAD CLEANING KIT</b>	
2 — 5.25" Disks with Cleaning Fluid	£25.00

<b>PAPER</b>	
Pack of 2 rolls for T.I. or Atari	£5.50

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ON 01-200 0200 (24 HRS)  
AND CHARGED TO YOUR  
AMERICAN EXPRESS,  
ACCESS OR  
BARCLAYCARD  
ACCOUNT.**

## 5.25" DISK DOUBLING UNIT

Now you can use both sides of your 5.25" disks. Have twice as much computer disk drive media with the DISK DOUBLER.

It takes less than 45 seconds to double the capacity of any disk.

The kit includes a Custom Punch Hand Tool, Template, Labels, Pencil and Storage Pouch. (Although this is a money saving addition to your computer kit, we urge you not to rush into an immediate conversion of all your disks. Try one first. Although the back of a single sided disk is not guaranteed, no problems have been encountered when using the back of BASF or Memorex disks).

£8.95

# JOIN THE COMPUTER CENTRE DISCOUNT CLUB

**Enrol now and we will send you either a floppy disc or a pack of three cassette tapes absolutely free of charge.**

As a member of the Computer Discount Club you will be entitled to buy products marked in this catalogue at the special club price shown next to the normal catalogue price.

Look how much you can save on the VIC computer. Look how much you can save on many of the programs. And every so often we shall make you some very, very special offers exclusive to our Club members.

Enrol today by using either this coupon or if you are ordering from the catalogue the coupon on the order form.

**YES** Enrol me today as a member of the Computer Discount Club. I understand that I can make big savings on computer purchases. I enclose a cheque/postal order for £10 made payable to The Computer & Video Centre Ltd as my annual subscription.

NAME .....

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CREDIT CARD NO .....

Send me a free floppy disc/pack of three cassette tapes\* (delete as applicable).

I am interested in discounts relating to the following machine(s) .....

Now post please to The Computer & Video Centre Ltd, 14 Broadway, West Ealing, London W13 0SR.



## VIC-20

\*Club Price

### VIC-20 COLOUR COMPUTER (illustrated)

The Commodore VIC-20 is incredibly low in price, but still offers the quality and features you don't want to be without. The VIC-20 has high resolution colour video and excellent sound facilities. Moreover, it has been designed so that anyone in the family can operate it with ease and confidence. Even someone using a computer for the first time will have no problem operating the VIC-20. Full RS232C compatibility.

#### Features & technical specifications:—

Colour: 16 Screen Colours and 8 Border Colours.

Sound: 3 Audible Tone Generators, each of 3 Octaves — and a white noise generator for sound effects.

Memory: 5K Bytes of RAM expandable to 29

Keyboard: Full qwerty Keyboard with 4 special keyboard keys.

£189.95 \*£180.45

### VIC-20 TAPE CASSETTE DECK

A low priced cassette player for storing programs or data. Uses ordinary cassettes.

£44.95

### VIC-20 DOT MATRIX PRINTER

Tractor-feed, 80 character-per-line, 30 characters per second printer.

£229.95

### VIC JOYSTICK

Hand-held joystick units for games use; available in Pair or Single configuration.

Each £14.95

### VIC-20 LIGHT PEN

This high quality light pen works in both the normal and Hi Res modes on the Vic allowing simple interaction with the Vic without keyboard entry.

£28.75

### GAMES PORT MULTIPLEXER

This device connects to the games port of the Vic and Multiplexes port x and y lines under software control enabling pairs of analogue joysticks to be used for sophisticated multi-player games.

£37.95

### VIC-20 GAMES PORT ADAPTOR CABLE

A two into one adaptor for use with both joysticks and light pens. A must for those who require full control of games with graphics.

£19.84

### VIC-20 ROM SWITCH BOARD

An inexpensive unit which plugs direct onto the Memory Expansion Port of the Vic and allows the insertion of up to 4 ROMs for games or toolkit aids etc.

£44.85 \*£40.35

### VIC-20 RS232 INTERFACE

Allows Vic to work as Mainframe Terminal, Drive a Qume Daisywheel or a Paper Tape Punch etc. etc. This RS232 fully implemented interface that we offer contains a master power unit which can double Vics ability to support add-ons and has an external socket to allow the supply voltages plus 5V, plus 15V-15V to be used for other devices, memory expansions, cassette drives, light pens, printers etc.

£56.35

### VIC-20 RS232 INTERFACE (LOW COST)

£19.85

### VIC-20 TOOLKIT

For those who know toolkit on PET we now have facilities for VIC. Renumber, Auto etc.

£28.75 \*£25.85

### VIC-20 MEMORY

VIC 3K RAM Cartridge

£29.95

VIC 8K RAM Cartridge

£44.95

VIC 16K RAM Cartridge

£74.95

VIC 16K Instant ROM Emulator

£255.00

### VIC PROGRAMMERS AND CARTRIDGE

Inc. Commands, Renumber, Help, Append., Dump, Find etc.

£34.95

### VIC SUPER EXPANDER HIGH RES CARTRIDGE

Full colour control, many commands inc. Paint, Circle, Plot etc.

£34.95

# OVER 90 TOP VIDEO CASSETTE TITLES

Airport '77		£39.95
All Quiet on the Western Front	* £39.95	£39.95
Animal House		£39.95
Arabian Adventure		£39.50
Are You Being Served		£37.50
At the Earth's Core		£39.50
The Awakening		£39.95
Baltimore Bullet	* £35.95	£39.95
Barbarella		£39.95
Battlestar Galactica		£39.95
Being There		£42.95
The Big Red One		£42.95
The Big Sleep		£29.95
The Birds		£39.95
The Blues Brothers		£39.95
Bon Voyage Charlie Brown		£39.95
The Boys from Brazil		£39.95
Buck Rogers in the 25th Century		£39.95
Capricorn One		£42.50
The Champ		£39.95
Chinatown		£42.50
Coma		£42.50
Convoy	* £39.95	£44.50
Cross of Iron		£44.50
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The Deer Hunter		£44.50
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March or Die		£29.95
The Mirror Cracked		£44.50
Mission Galactica		£39.95
The Man Who Fell To Earth		£39.50
Muppet Movie		£29.95
One Flew Over The Cuckoo's Nest	* £39.95	£44.50



The Postman Always Rings Twice (1981)		£39.95
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Prophecy		£39.95
Psycho		£39.95
Raise the Titanic	* £35.95	£39.95
Return of the Pink Panther		£29.95
Rising Damp—the movie		£29.95
Russian Roulette		£29.95
Saturn 3		£29.95
Scanners		£38.95
Sea Wolves	* £35.95	£39.95
Shane		£39.95
Sherlock Holmes (two features)		£38.25
Silver Dream Racer		£39.95
Smokey & the Bandit		£39.95
Star Trek—the motion picture	* £35.95	£39.95
Straw Dogs		£38.95
The Stunt Man		£38.95
Sweeney		£37.50
Sweeney 2		£39.50
The Ten Commandments	* £40.50	£45.00
That's Entertainment		£42.50
Tom & Jerry		£38.25
True Grit		£39.95
2001: A Space Odyssey		£42.95
Villain		£37.50
The Warning		£38.95
War of the Worlds		£39.95
Warlords of Atlantis		£39.50
The Warriors		£39.95
The Wild Geese	* £35.95	£39.95
The Wizard of Oz		£42.50
Xanadu		£42.50

All titles are available on either Betamax or V.H.S. formats and the order form should show which one is required.

\*Club Price



Driver		£44.50
The Eagle Has Landed		£39.95
The Electric Horseman		£39.95
Elephant Man		£44.50
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Escape from Athena		£39.95
Fame		£42.50
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Flash Gordon		£44.50
Fort Apache		£37.50
Grease		£39.95
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The Godfather		£39.95
Halloween		£39.95
Hawk the Slayer		£29.95
Heaven Can Wait		£39.95
High Plains Drifter		£39.95
The Hunter		£39.95
The Island		£39.95
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Jaws 2		£39.95

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# BOOKS & SUBSCRIPTIONS

\*Club Price

**WHICH COMPUTER?** — Monthly magazine for business computer users.  
12 issues. £12.00\*£10.00

**COMPUTER & VIDEO GAMES** — monthly magazine packed with games programs for the Apple, Tandy, PET, VIC, Sinclair and many other computers.  
12 issues. £10.00\*£8.00

**EDUCATIONAL COMPUTING** — monthly magazine about computing in schools, colleges and universities.  
12 issues. £6.50

**GOOD COMPUTING BOOK FOR BEGINNERS** — paperback telling you all you need to know about computers with glossary of terms you may encounter.  
£1.95

**THE CP/M HANDBOOK** — R. ZAKS  
A simple clear and practical handbook for users of CP/M equipped computers. Step by step instructions on the use of CP/M for beginners and comprehensive description of all CP/M facilities and resources for advanced operators.  
£11.50

**INTRODUCTION TO PASCAL, INCLUDING UCSD PASCAL** — R. ZAKS  
Comprehensive guide to standard and UCSD Pascals. Step by step instructions for learning PASCAL.  
£11.50

**MICROPROCESSORS — FROM CHIPS TO SYSTEMS** — R. ZAKS  
The basic text on micros for everyone with a technical or scientific background. This book teaches all the fundamentals of microprocessors step by step.  
£9.00

**MICROS — INTERFACING TECHNIQUES** — ZAKS & LESEA  
This comprehensive book introduces the basic interfacing concepts and techniques, then presents the implementation details from hardware to software.  
£12.10

**PROGRAMMING THE 6502** — R. ZAKS  
This book is an educational text designed to teach programming, using the 6502. It does not require any prior knowledge, yet can be used to advantage by anyone wishing to familiarize himself with the 6502. An invaluable book for owners of the PET, Apple, Kim, etc.  
£10.25

**PROGRAMMING THE Z-80** — R. ZAKS  
Another in the highly successful Sybex Series by Rodney Zaks. This book combines the function of a teaching text, that Sybex do so well, with an extensive reference section. The book is much more than an introduction to the Assembly Language syntax of the Z-80.  
£11.50

**THE BASIC HANDBOOK** — D. LIEN  
The expanded Second Edition gives you twice as much information as the first, explaining nearly 500 BASIC words. The cross reference Encyclopedia covers virtually every Basic speaking computer in the world, and includes chapters on interlocking subroutines, alternate programming techniques, converting programs from one computer to another, plus special sections on Disk Basic, TRS-80 Basic, Atari Basic, Acorn Atom Basic, etc. including the Sinclair.  
£14.50

**APPLE II USERS GUIDE** — POOLE, MCNIFF, COOK  
The book is a true programming tool that really instructs in the using of the Apple Computer. Enables you to program in two versions of BASIC.  
£11.10

**ADVANCED BASIC** — J. COAN  
Develops the readers expertise with BASIC through strings and files to graphing and more important mathematical functions.  
£8.45

**ATARI BASIC** — ALBRECHT, FINKEL & BROWN  
This book teaches how to write computer programs to use in the office or home in any field from education to business to the humanities.  
£5.30

**THE BUSINESS SYSTEM BUYERS GUIDE** — OSBOURNE/MCGRAW-HILL  
This book explains every significant feature of both software and hardware of a business system.  
£6.95

**BASIC BASIC** — J. COAN  
One of the most widely sold text books on BASIC. The book covers over 100 example problems to illustrate the essential techniques of the language.  
£8.25

**CP/M PRIMER** — S. M. MURTHA & M. WAITE  
This book begins with an introduction to Micros in general and explains the concepts needed to understand the CP/M operating system. This is

followed by details of the operation and capabilities of the system and should lead to a complete understanding.  
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**INSTANT BASIC** — G. BROWN  
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This cassette is adapted for the Apple II by Gary Shannon and is the program which won the 1978 West Coast Computer Fair Chess Tournament. The user can play back on white and can select the dept of look-ahead from 1-6 ply.  
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You direct a ball at a wall made up of three types of bricks. Each time you hit a brick it disappears, increasing your score. Can be used with Paddles or Joystick.

Pet Cass £7.50

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It's you and the dummy against the computer in a standard notation contract bridge program. The computer deals at least 10 million different hands.

Apple Disk £17.50

## B1 NUCLEAR BOMBER

You must fly your B1 Bomber on a mission over the Soviet Union. You must fly through unlimited numbers of MIGS and SAMs. You can rely on your self defence missiles and electronic counter manoeuvres.

Apple Cass 16K £10.00  
Atari Cass £10.00  
Pet Cass £10.00  
TRS-80 Cass £10.00

## CHECKMATE — 80

A choice of 10 levels of play from where the computer has only 3 seconds to plan a move, to infinity where the computer will consider every move possible.

TRS-80 Cass M1. L.2. £13.50

## COMPUTER ACQUIRE

The object of the game is to become the wealthiest person in the "business" game. Can be played by 2-6 players or 1 against the computer.

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Atari Cass £13.35  
Pet Cass £13.35  
TRS-80 Cass £13.35

## COMPUTER AMBUSH

You get a computer controlled mapboard of a French village with step by step regulated play. Extensive line of sight rules provide for hidden movement. Each soldier is rated for strength, intelligence and marksmanship. Playing time, 1-5 hours.

Apply Disk £39.96

## COMPUTER BISMARCK

A classic for war games recreating this dramatic sea chase. Includes all rule books, charts and command cards.

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## COMPUTER CHESS

You can play eight levels of chess against the computer. Moves are made with a joystick. Both "castling" and "en passant" moves can be made by both you and the computer. The board can be set up for a particular problem or situation.

Atari Cart £24.50 \*£22.10

## CONFLICT 2500

The year is 2500 AD. You must defend earth against the computer aided Planet Pulverizers.

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Atari Cass £10.00  
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## CONNECT FOUR

A challenging vertical strategy game. Players must get four counters in a row — down, across, or diagonally to win.

Texas Module £19.95

## COSMIC FIGHTER

Your ship comes out of hyperspace right under a fleet of aliens. Effortlessly you destroy them only to be confronted with another wave more intelligent than the last. Your fuel is running low and there are two more waves of aliens to defeat before docking for more fuel. A very good game with sound and can be used with Joysticks.

TRS-80 Cass £10.75  
TRS-80 Disk £13.50

## COSMIC PATROL

Cosmic Patrol is not just another search and destroy game. With it's fast real time action, impressive sound and superb graphics, this machine time program is the best in it's genre.

TRS-80 Cass M1. L.2. £11.00  
TRS-80 Disk M1. L.2. £13.50

## CRAPS

Las Vegas Craps is a 1 or 2 player Hi-Res dice game, even

better than the real thing. There's no money to lose.

Apple Disk £13.35

## CYBER STRIKE

3-D effects and animation in this space adventure using a full 48K of assembly language programming.

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## DATESTONES OF RYN

You are Brian Hammerhead. You are a mercenary with the singular honour of undertaking a most hazardous mission. Will you emerge the victor and carry home the Datesones and the head of the thief, Rex the Reaver, or will you meet your end with a blade of cold steel?

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This version of the game is so named as it only takes an instant to make it's moves. It also makes a good instructor to beginners.

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With the aid of various officers who will assist you in raising armies and taxes you must unite the central galactic system under a single flag.

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You must choose how to ignite or suppress the impending revolution, by social changes or military advantage if you have one.

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Galactic Empire, Galactic Trader & Galactic Revolution on one Disk.

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## GALAXY INVASION

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TRS-80 Disk £13.50

## GALAXY ONE

A disk program with all the Treasure Trove Games 1-6. 24 programs.

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Machine Language full colour graphics and sound effects make this space challenge to destroy the enemy space saucers more than exciting.

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## GLOBAL WAR

An adult strategy game for 2-9 players. Who will take control of the earth? A highly detailed map of the earth's continents are divided into 40 regions. The computer assigns each player a portion of the regions and starting armies. Then battle commences.

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## HELLFIRE WARRIOR

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Apple Disk 48K	£18.95
Pet Cass 32K	£16.95

#### HOUSEHOLD MONEY MANAGEMENT

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Texas Module	£29.95
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#### HUNT THE WUMPUS

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#### IAGO

Othello & Reversi at it's best.

TRS-80 Cass	£13.50	*£12.15
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Computer version of 5 a side soccer. Includes passes, shots, save, tackles and many other tactics.

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#### INTRODUCTORY 3-PACK

Morlocs Tower, Datestones of Ryn and Rescue at Rigel on one disk.

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#### INVADERS

Probably the most popular arcade game ever.

TRS-80 Cass M1. L.2.	£7.50	*£6.75
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#### INVASION ORION

Challenge the computer one on one to battle scenarios in deep space. The computer takes care of the details making the game easy to play.

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Apple Disk 48K	£15.95
Atari Cass	£16.95
Pet Cass 16K	£14.95

#### JET FIGHTER PILOT

Takes you as close to real combat flying as possible without the 'G'. Your take off can be from a runway or from a carrier borne steam catapult. You decide when to retract flaps, release auxiliary drop tanks and if you're landing on an aircraft carrier, don't forget to deploy your landing hook.

TRS-80 Cass M1. L.2.	£13.50	*£12.15
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#### JOURNEY

Journey wisks you off to a land filled with dangerous monsters and priceless treasures. Your Apple is your eyes and ears and you will rely on it to help you acquire all the treasure that you can carry without being eaten alive.

Apple Disk	£19.95
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#### LOGIC GAMES PACK

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VIC Cass 5K	£9.95
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#### METEOR MISSION

Normally known in the arcades as Lunar Lander. Super sound effects and can be used with Joysticks.

TRS-80 Cass	£10.75
TRS-80 Disk	£13.50

#### MICROCHESS

With more levels than you will probably ever need.

Apple Disk	£17.50
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#### MICROGAMMON 2

Using Hi-Res graphics during each move of this exciting backgammon game you actually see the pieces slide across the board.

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#### MIDWAY CAMPAIGN

Your micro computer controls a Japanese task force sent to capture Midway Island. If they win air superiority then they are

guaranteed success.

Apple Cass 16K	£10.00
Atari Cass	£10.00
Pet Cass	£10.00
TRS-80 Cass	£10.00



#### MISSILE COMMAND

Defend six major cities from nuclear attack using missile bases, like the famous arcade game. Try to destroy incoming nuclear missiles, guard against killer satellites and smart missiles. Use your joystick to guide your target sight. Can be played by one or two.

Atari Cart	£29.95
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#### MORLOCS TOWER

While the general aim is always to do away with the demented Morloc, you can always approach this game in a multitude of differing ways. Spend a diverting hour or so wandering around the 6 floor dungeon battling with many different monsters.

Apple Cass 32K	£11.95
Apple Disk 48K	£13.95
Pet Cass 24K	£11.95

#### MULTIPLICATION

Another math tutorial tool that teaches the basics of multiplication. Excellent step-by-step teaching process makes learning fun. For children aged 7-10.

Texas Module	£34.95
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#### MUSIC MAKER

A music composition package that lets even a novice composer create computer music by simply arranging notes on an electronic musical staff. A terrific home music introduction tool for adults and children.

Texas Module	£34.95
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#### MUSIC MAKER DEMONSTRATION

Demonstrates the kind of musical compositions that can be created with the Music Maker Solid State Software Command Module. Contains five different music files with songs ranging from Christmas and Childrens songs to some popular classics.

Texas Module	£14.95
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#### NORTH ATLANTIC RAIDER

Will the Hood sink the Bismark or will history repeat itself. Your decisions will decide it's fate.

Apple Cass 16K	£10.00	*£9.00
Atari Cass	£10.00	£9.00
Pet Cass	£10.00	£9.00

#### NUKEWAR

A computer simulation of a nuclear confrontation between two powers. You must choose how best to defend your country, either by espionage or by building up your armed forces to a massive size.

Apple Cass 16K	£10.00
Atari Cass	£10.00
Pet Cass	£10.00
TRS-80 Cass	£10.00

#### ORBITRON

You will have to fight off, from the centre of your orbiting space station, enemy forces which are trying to put killer satellites into orbit around you.

Apple Disk	£19.95
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#### PADDLE FUN

Allows you to get the maximum fun from your paddles with four super games. Invaders, Golf, Howitzer and Space Wars.

Apple Disk 32K	£13.75
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One of the most popular and challenging arcade space games at the moment.  
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Texas Module £16.95

## PROGRAMMING AIDS I

Includes the following capabilities: cataloging disks, "DISPLAY AT", "ACCEPT AT", screen print, lower case letters, second ASCII set subroutines and user-defined characters.  
Texas Disk £14.95 \*£13.45

## PROGRAMMING AIDS II

Provides the experienced user with the ability to sort file information into alphabetic or numeric order for reporting or processing purposes. Includes disk sort, RAM sort, file dump, and merge program.  
Texas Disk £24.95 \*£22.45

## PROGRAMMING AIDS III

Provides a useful tool to cross reference a list of all variables, arrays, keywords, functions and line number references. The user can then find where certain variables are used, even where subroutines are called, or even which lines need changing to make the program compatible with another form of Basic. Resequencing, deletion, of program parts, and the merge of a sequence of code is also made possible.  
Texas Disk £19.95 £17.55

## PULSAR 2

Two games each with 8 levels of play. Pulsar, with your mission to destroy the spinning shields around the Pulsar. And Wormwall, one of the strangest mazes ever as openings only occur temporarily as coloured lines cross.  
Apple Disk £19.95

## RECREATIONAL/EDUCATIONAL PACK

Math Hurdler. You are racing along a race track, trying to jump 10 hurdles. The hurdles are arithmetic problems. You set the difficulty at the beginning of the race. Don't get things wrong or your man will fall down when he tries to jump.  
Monster Maze. You are exploring a labyrinthian cave, trying to traverse it from one end to the other. The maze is populated with monsters who can walk through the walls as they try to catch and eat you. Both are in colour, have sound and can be used with a Joystick.  
VIC Cass 5K £9.95 \*£8.95

## RESCUE AT RIGEL

The trouble started when a renegade High Tollah sought sanctuary in the Stellar Union. To get back at the renegade, his uncaring adversary ordered 10 men and women from the Orion colony of Ultima Thule taken prisoner. Will your alter-ego-Sudden Smith be able to save them before they are transformed into aliens.  
Apple Cass 32K £13.95  
Apple Disk 48K £15.95  
Atari Cass £20.25  
Pet Cass £13.95

## REVERSI

Reversi is the ancient name for the very popular board game, Othello. Can be used with Joysticks.  
Atari Cass £13.50

## ROAD RACE

A game for two people and two joysticks. Two cars racing

around a choice of three tracks and trying to complete the allotted amount of laps before the other player. Includes a lap counter that counts to tenths of a second.  
Pet Cass £7.50 \*£6.75

## ROBOT ATTACK

The newest and most astounding arcade game to reach earth that talks.  
TRS-80 Cass £10.75 \*£9.65  
TRS-80 Disk £13.50 £12.00



## ROULETTE

With this 1 or 2 player game you can actually place bets with the keyboard or light-pen.  
Apple Disk £13.35

## SEAWOLF

Use either your keyboard or joystick to move your torpedo launcher around and to fire your torpedoes as you try to hit the ships that are speeding by above you. Between you are rows of mines that add to the difficulty of getting away a clear shot.  
Pet Cass £7.50

## SKIRMISH — 80

4 Games on 1 cassette.  
Mission Impossible. Drive your Tank into a prison courtyard, pick up a prisoner and escape.

Trap. A 2 player game where you must manoeuvre your opponent into a position where he is hopelessly trapped.  
Wipeout. A 2 player game where your mobile gun gets points for destroying as many obstacles as possible.  
Block 'em. A 2 person game where you should manoeuvre your opponent into a position from where there is no safe move.  
TRS-80 Cass M1 L2. £7.75

## SNOGGLE

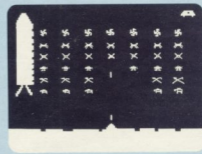
Wend your way through a maze of ghosts who will eat you up if they catch you. This game is not easily mastered.  
Apple Disk £16.65

## SNOGGLE

Joystick version.  
Apple Disk £21.95

## SPACE EGGS

Use your Paddles on this arcade style game that will have you hatching Spiders, Lips, Wolves and Fuzzballs.  
Apple Disk £19.95



## SPACE INVADERS

You've made a mission to the moon, but so have the deadly Space Invaders. It's up to you to protect the lunar surface as well as yourself and your laser cannon. 12 variations that will need joysticks — for one or two players.  
Atari Cass £12.95  
Atari Cart £24.50

# 30 MORE PROGRAMS

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Discover the excitement of the computer generated voice capabilities of the TI-99/4 Home Computer. You can immediately listen to and experiment with words by typing words, phrases and sentences selected from the solid state vocabulary.

Texas Module £39.95

## STAR CRUISER

Fast action arcade game, number 3 best seller in it's first month of release.

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## STAR MINES

You must guide your spacecraft through a seemingly endless minefield in space. Armed only with a single Laser Cannon you must clear your sector before jumping into hyperspace, only to land in another minefield. Five levels of skill make this one difficult.

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## STARFLEET ORION

Fight space battles right here on earth when you play Starfleet Orion — a simulation of the various conflicts that might arise between starships of opposing powers.

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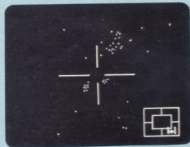
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## STAR RAIDERS

Your mission is to destroy all Zylon Empire star ships. Using dramatic sound and screen displays this strategy and action game is the most exciting one available today. Needs a joystick for control.

Atari Cart £29.95



## STAR WARRIOR

You are a star-faring knight, bound tightly by a code of ethics, a mercenary with a cause. You must take on an entire planetary force — alone. You are outnumbered but far from helpless.

Apple Disk 48K £18.95

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A sophisticated version of the popular video game Breakout in which you smash through layers of bricks and knock out a wall. Four different games available which up to eight players can play. Uses up to four paddle controllers.

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A super variation on asteroids. Can be used with a Joystick.

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TRS-80 Disk £13.50

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Tank battles at their best.

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Learn to program in Basic the easy way — let the computer teach you! Ten on screen lessons give hands-on experience with everything from simple commands to colour graphics and sound.

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You will venture into an essentially unknown world where you'll feel at home with spiders, zombies, skeletons and ghouls. You will need armour and weapons to take with you when you explore the 200 rooms on 4 floors. But wait, the treasures you seek are surrounded by traps like bottomless pits, daggers and flames. Discover your fantasy world.

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## TERMINAL EMULATOR I

Links your home computer to the telecommunications world — accessing subscription data services and time shared computer systems. As data is received, it can be stored on disk or tape, or you can print information on an optional printer.

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## TERMINAL EMULATOR II

Second in a series of terminal emulator modules. Capabilities are similar to Terminal Emulator I except for these extras: File transfers with error definition, improved keyboard interface; ability to handle colour, sound, speech and graphics; access of text-to-speech from a user-written program.

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(All Treasure Trove of Games are for Pets and are on cassette).

Each Cassette £11.50 \*£10.35

Treasure Trove of Games 1. Lunar Landing, Rotate, Wumpus, 3-D Tic Tac Toe.

Treasure Trove of Games 2. Jumbo Jet Lander, Target Pong, Draw Poker, Galaxy Games.

Treasure Trove of Games 3. Concorde Lander, Off the Wall, Spacetrack, Wrap Trap.

Treasure Trove of Games 4. Super 9 x 9, Formula 1, Blackjack, Space Talk & Space Flight.

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Treasure Trove of Games 6. Backgammon, Polaris, Crypto, Life.

Treasure Trove of Games 7. Petopoly, Star-Trek.

Treasure Trove of Games 8. Sorcerers Castle, Jason and the Argonauts.

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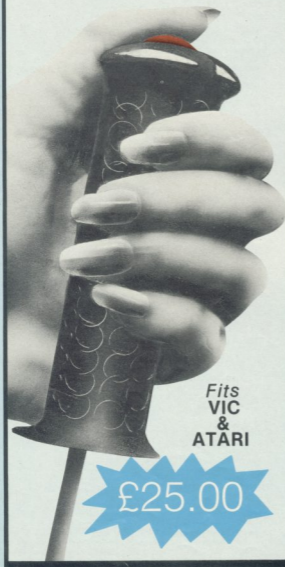
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ADDITION/SUBTRACTION II				<input type="checkbox"/>			E
ADVENTURE 1-3	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		E
ADVENTURE 4-6		<input type="checkbox"/>			<input type="checkbox"/>		E
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ALIEN TYPHOON		<input type="checkbox"/>					E
APPLE 21			<input type="checkbox"/>				E
ARCADE 1			<input type="checkbox"/>				E
ARCADE 2			<input type="checkbox"/>				E
ARCADE 3			<input type="checkbox"/>				E
ARCADE 4			<input type="checkbox"/>				E
ARCADE 5			<input type="checkbox"/>				E
ARCADE 6			<input type="checkbox"/>				E
ARCADE 7			<input type="checkbox"/>				E
ARCADE 8			<input type="checkbox"/>				E
ARCADE 9			<input type="checkbox"/>				E
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ASTROLOGY	<input type="checkbox"/>			<input type="checkbox"/>			E
ATTACK					<input type="checkbox"/>	<input type="checkbox"/>	E
ATTACK FORCE	<input type="checkbox"/>						E
BAKERS TRILOGY	<input type="checkbox"/>				<input type="checkbox"/>		E
BALL TURRET GUNNER							E
BASIC BASIC			<input type="checkbox"/>				E
BASKETBALL		<input type="checkbox"/>		<input type="checkbox"/>			E
BEGINNING GRAMMAR	<input type="checkbox"/>						E
BEST OF BISHOPS	<input type="checkbox"/>	<input type="checkbox"/>					E
BLACKJACK		<input type="checkbox"/>					E
BLACKJACK - POKER		<input type="checkbox"/>					E
BOTH BARRELS	<input type="checkbox"/>	<input type="checkbox"/>					E
BOUNCEOUT		<input type="checkbox"/>	<input type="checkbox"/>				E
BRIDGE PARTNER	<input type="checkbox"/>				<input type="checkbox"/>		E
B1 NUCLEAR BOMBER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		E
CHESSMATE - 80	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		E
COMPUTER ACQUIRE		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		E
COMPUTER AMBUSH		<input type="checkbox"/>					E
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COMPUTER CHESS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		E
CONFLICT 2500		<input type="checkbox"/>					E
CONNECT FOUR					<input type="checkbox"/>	<input type="checkbox"/>	E
COSMIC FIGHTER					<input type="checkbox"/>	<input type="checkbox"/>	E
COSMIC PATROL					<input type="checkbox"/>	<input type="checkbox"/>	E
CRAPS		<input type="checkbox"/>					E
CYBER STRIKE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				E
DATESTONES OF RYN		<input type="checkbox"/>					E
FASTGAMMON		<input type="checkbox"/>			<input type="checkbox"/>		E
GALACTIC EMPIRE		<input type="checkbox"/>			<input type="checkbox"/>		E
GALACTIC TRADER		<input type="checkbox"/>			<input type="checkbox"/>		E
GALACTIC REVOLUTION		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	E
GALACTIC TRILOGY		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	E
GALAXY INVASION			<input type="checkbox"/>				E
GALAXY ONE		<input type="checkbox"/>					E
GALAXY WARS		<input type="checkbox"/>					E
GLOBAL WAR		<input type="checkbox"/>					E
GOLDEN MOUNTAIN		<input type="checkbox"/>					E
GOLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				E
HELLFIRE WARRIOR		<input type="checkbox"/>			<input type="checkbox"/>		E
HOUSEHOLD MONEY MANAGEMENT				<input type="checkbox"/>			E
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JET FIGHTER PILOT		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		E
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MIDWAY CAMPAIGN		<input type="checkbox"/>	<input type="checkbox"/>				E
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MORLOCS TOWER			<input type="checkbox"/>				E
MULTIPLICATION				<input type="checkbox"/>			E
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PADDLE FUN		<input type="checkbox"/>					E
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PRI-SCHOOL - EARLY LEARNING FUN				<input type="checkbox"/>			E
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